

Drafted by Karen D. Johnson 1/31/12

#### Summary of well status based on the review of Cabot documents

While the PADEP Order specified what wells could not be completed until the terms of the CAO were met, it has been difficult to track down the status of completion of the wells in the Dimock, PA area. At this time, none of these wells are in operation due to the terms of the PADEP Order, awaiting response of Cabot to an information request issued in October and awaiting resolution of well remediation efforts. This summary is based on the review of the PADEP AO, a Cabot Power Point presentation to PADEP on the remediation, dated October 11, 2011, and a memo from Cabot in response to the 104 E information request, received January 12, 2012. A "V" following the number means a vertical well, where a portion of the production casing is perforated and the formation is hydraulically fractured "fracked". An "H" following the number means it is a horizontal well (Vertical well from the surface then angled from above the Marcellus and horizontally drilled through the Marcellus Shale) with multiple stages/ sections hydraulically fractured to be completed.

#### **9 Wells which have not been hydraulically fractured/stimulated:**

Baker 3H

Gesford 4H

Gesford 8H

Kelly 1H

Hibbard 2H

Hibbard 4H

Ely 1H\*

Ely 1V according to Cabot doc it is 1V, not 1 H

Ely 7H- there is a conflict here because pg 286 of the October 11, 2011 remediation report says it is not completed, but the well diagram indicated 9 stages were fracked and the 104 E Cabot document indicates that this well has not been completed

#### **41 Wells which have been completed and fracked,**

Notes about "squeezed" indicated Cabot reentered the wells and perforated the casing and squeezed cement into one or more zones to attempt remediation of gas/pressure in the annulus of one or more of the casing strings. Also noted is how many stages were fracked according to the Cabot diagrams provided to PADEP

Brooks 1 H- 7 stages

Black 1H

Black 2H

Costello 1V

Costello 2V

Ely 2V- squeeze

Ely 4V

Ely 5H 9 stages

Ely 6H- squeeze attempted

Gesford 1V

Gesford 2V

Gesford 5H- squeeze

Gesford 7H-squeeze

Greenwood 1V

Greenwood 6H  
Greenwood 7H  
Greenwood 8H  
Grimsley 1 V  
Grimsley 2H - squeezed  
Heitsman 1H  
Heitsman 2V  
Heitsman 4H- 5 stages  
Hubbard 5H 8 stages fracked  
Hubbard 6H- Squeezed  
Hubbard 1V  
Hull 1H 5 stages  
Hull 2H- squeezed  
Lewis 1V  
Lewis 2V  
Ratzel 1H  
Ratzel 2H 8 stages fracked  
Ratzel 3V  
Rozanski 1V  
Teel 1V  
Teel 2V  
Teel 5V  
Teel 6V  
Teel 7V  
Teel 8V  
Teel10V  
Teel 13V

**3 Wells initially drilled and fracked but now plugged**

Baker 1V  
Gesford 3H  
Gesford 9V

**3 Wells permitted but not drilled to date**

Heitzman 3V  
Hubbard 3V  
Teel 9V